ICAO Symposium on Innovation in Aviation Security

Airline operating environment and risk context:

o   Increasing complexity of the external risk environment

o   Present and emerging threats - adaptable adversaries

o   Demands from regulators - evolving compliance requirements

o   Challenges of 'affordable security' to alleviate facilitation pressures

o   Strong competition, market volatility, high operating costs

o   Forecast growth and a passion to improve the customer experience

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Regulation and Infrastructure:

o State support to Industry and Public Private Partnerships - IATA/ACI SMART Security

o Participation in Policy debate - challenging the status quo

o Shape and influence regulation - achieve regulatory amendment simplification to support outcome focussed risk based security

o Influence the design and implementation of Airport infrastructure

o Encourage and facilitate introduction of differential screening to relieve pressure on the system

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Process and Data:

o Support the expanded use and exchange of passenger data for enhanced security and facilitation outcomes

o Differential screening using passenger data and biometric enrolment

o Encourage States to support and resolve challenges of non-standard API/PNR programs.

o One stop security mutual recognition & harmonisation of standards

o Integration of Border, Facilitation and Security functions – does the future demand a new approach - a single entity at the Airport

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Technology:

o Example - Qantas Next Generation Check-in a step change in passenger facilitation highly automated RFID and CCTV Technology

o Encourage States to support Advanced Technology R & D

o Improve timelines and simplify processes for Advanced Technology certification and accreditation

o Embrace technology that supports facilitation and security outcomes automated threat detection algorithms and biometrics

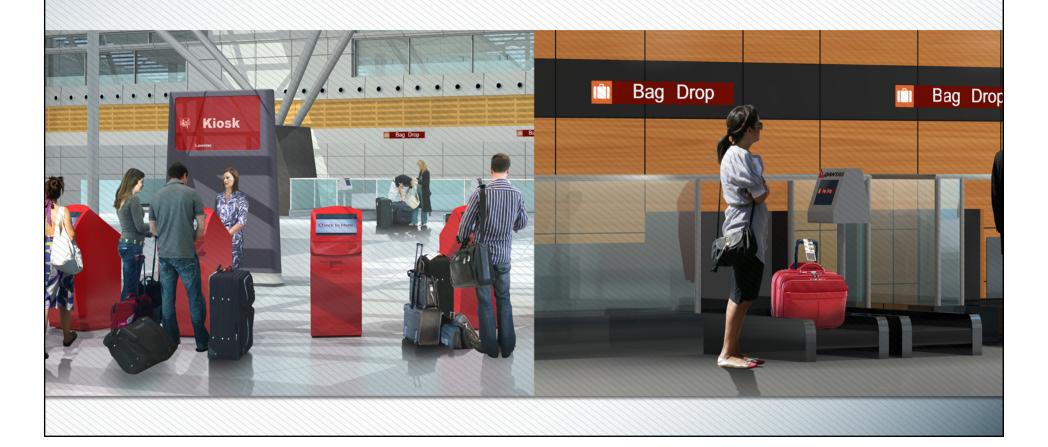o Take calculated risks….have courage…make a difference….!!

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NGCI SELF-SERVICE CHANGE FOR TRAVELLERS

New check-in kiosks

Permanent bag tags

Self baggage tagging

Fully automated bag drop

Technology & Innovation

Technology & Innovation

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